y 25, 2003

PATENT APPLICATION 647
DOCKET NO.: 3033.1002-004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applic	eants:	Darrell H. Carney, Roge William R. Redin	er S. Crowther, David J. S	mmons, Jinping Yang and
Applic	cation No.:	10/050,692	Group Art Unit:	1647 (JUL 2 8 2003)
Filed:		January 16, 2002	Examiner:	DeBerry, R.
Confir	mation No.:	6715		a m
Title:	SU	DERIVATIVES CERTIF I hereby certify that this co United States Postal Service an envelope addressed to Coi Alexandria, VA 22313-1450 on Tuly 25 2003 Date	Signature nnon Lui S name of person signing certificate	BECEIVED
P.O. B	nissioner for Pa lox 1450 ndria, VA 2231			JUL 3 0 2003 TECH CENTER 1600/2900
This Ir	under 37 CFR	closure Statement is subm R 1.129(a), or ssion after Final Rejection)	nitted:	
[X]	stage in an internation	he following time periods: three mont	hs of filing national application (other date of a first office action on the mer	than a CPA) or date of entry of the national ts in a non-provisional application, including a
[]	under 37 CFR	R 1.97(c) together with eith	her:	-
	[] a \$180	ement under 37 CFR 1.97 0.00 fee under 37 CFR 1.1 .97(b) time period, but before final act	7(p), or	occurs first)
[]	under 37 CFR	R 1.97(d) together with:		
	[] a \$180	ement under 37 CFR 1.970 0.00 fee under 37 CFR 1.1 ion or notice of allowance, whichever	7(p), or	
[]	under 37 CFR Applicant rec (Filed after payment	quests that the IDS and cit	ed reference(s) be placed	in the application filewrapper.

Statement Under 37 CFR 1.97(e)

lj	any co	ommunication from a foreign patent office in a counterpart foreign application not more hree months prior to the filing of this Information Disclosure Statement; or
[]	comm knowl in the	em of information contained in this Information Disclosure Statement was cited in a funication from a foreign patent office in a counterpart foreign application, and, to the ledge of the undersigned, after making reasonable inquiry, no item of information contained information disclosure statement was known to any individual designated in 37 CFR and the months prior to the filing of this Information Disclosure Statement.
Stater	nent Un	(Patent Term Adjustment) Applies to original applications (other than design) filed on or after May 29, 2000
[]	comm was n	item of information contained in the Information Disclosure Statement was cited in a sunication from a foreign patent office in a counterpart application and this communication of received by any individual designated in § 1.56(c) more than thirty days prior to the of the Information Disclosure Statement.
[X]	Enclos	sed herewith is form PTO-1449:
	[]	Copies of the cited references are enclosed.
	[X]	Copies of cited references are enclosed except those entered in prior application, U.S. Application No. 09/909,122, to which priority under 35 U.S.C. 120 is claimed. The earlier application contains copies of the cited references.
	[]	The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
	[]	The "concise explanation" requirement (non-English references) for references AO, AP and AQ under 37 CFR 1.98(a)(3) is satisfied by:
		[] the explanation provided on the attached sheet.
		[] the explanation provided in the Specification.
		[] submission of the enclosed International Search Report.
		[] the enclosed English language abstracts.

Examine	• •	icant requests that the following i	non-published pending appli	cations be considered:
Initials	_	U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
	_	U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
	_	U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
		Examiner	Date	_
	[]	A copy of each above-cited app	plication, including the curre	ent claims, is enclosed.
	[]	A copy of each above-cited appethose entered in prior application 35 U.S.C. 120 is claimed.		
		er is requested to return a copy of ere considered with the next office		plications indicating which
It is r	equeste	d that the information disclosed h	nerein be made of record in the	his application.
Meth	od of pa	ayment:		
[]		eck for the fee noted above is enconpanying Reply. A copy of this S	-	cluded in the check with the
[]	Please	e charge Deposit Account 08-038 sed.	30 in the amount of \$[. A copy of this Statement is
[X]	Please	e charge any deficiency in fees ar	nd credit any overpayment to	Deposit Account 08-0380.
		I	Respectfully submitted,	
		I	HAMILTON, BROOK, SMI	TH & REYNOLDS, P.C.
			-	
		I	By Merra	
			Helen Lee Registration No.: 39,270	
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			Facsimile: (978) 341-0136	

Concord, MA 01742-9133 Dated: 912, 2003

PTO-1449 REPRODUCED	ATTORNEY DOCKET NO. 3033.1002-004 APPLICATION NO. 10/050,692		
SUPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION	APPLICANT Darrell H. Carney et al.		
July 25, 2003	FILING DATE January 16, 2002	CONFIRMATION NO. GROU	iP 547

		U.S. P	ATENT DOCUMENTS	
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME
	AE	4,637,931	Jan 20, 1987	Schmitz
	AF			
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SUPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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July 25, 2003

(Use several sheets if necessary)

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APPLICATION NO. 10/050,692

APPLICANT

Darrell H. Carney et al.

FILING DATE

January 16, 2002

CONFIRMATION NO. 6715

GROUP 1647

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	AW3	Wells, J.A., "Additivity of Mutational Effects in Proteins", Biochemistry, 29(37):8509-8517 (1990).
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